Fig. 1

--Prior Art--

CPD with respect to the electrode

| A | B | A | B | A |

↑ CPD_B

↑ CPD_A

Shaft

30

22

40

B

A

i

20

Fig. 2

Fig. 3a

Fig. 3b

Fig. 4

positioning
motor

114

130

152

160

170

150

100

112

118

116

140

110

120

180

Data
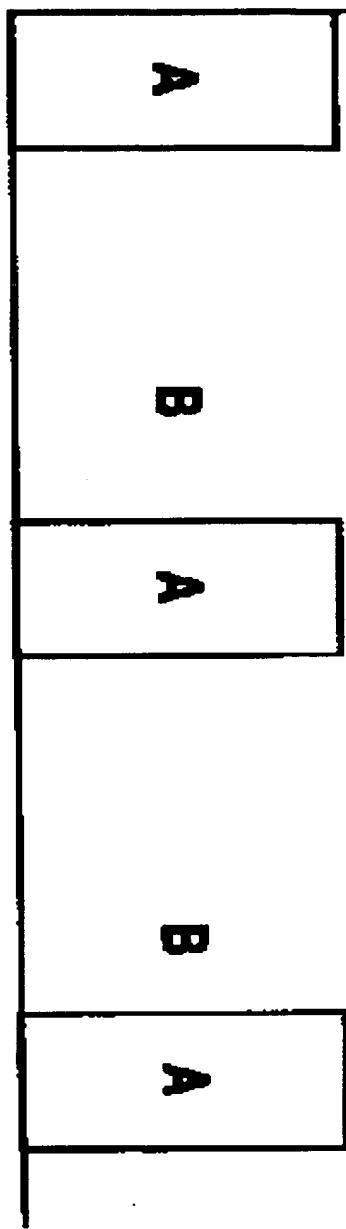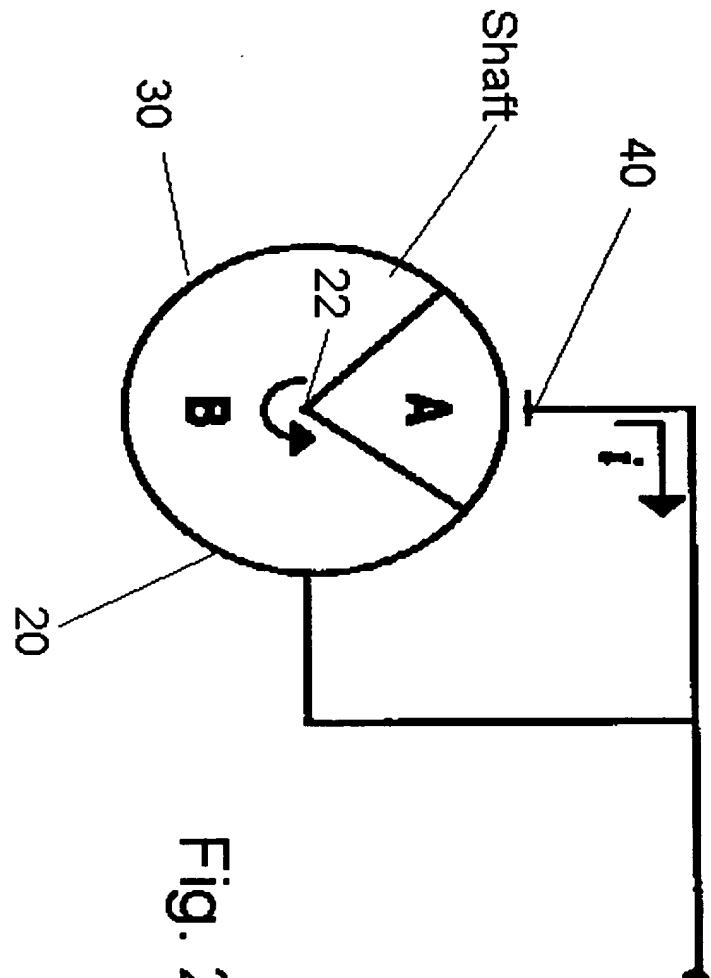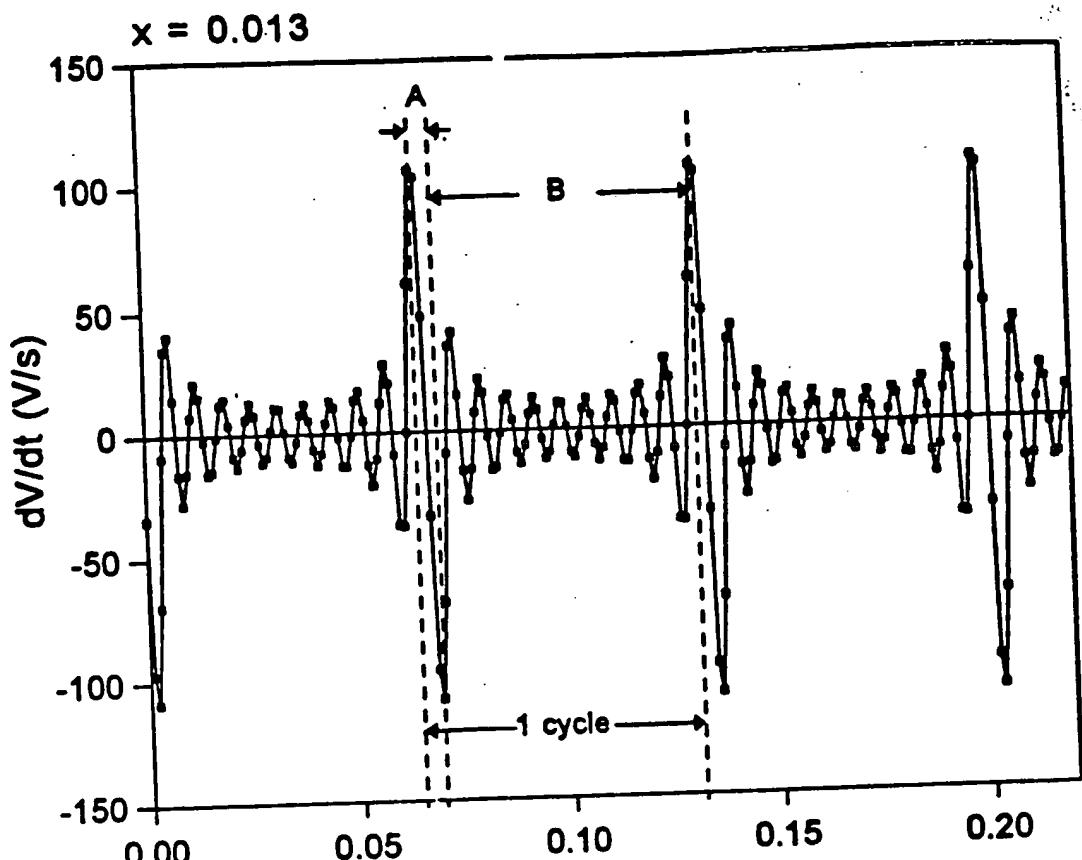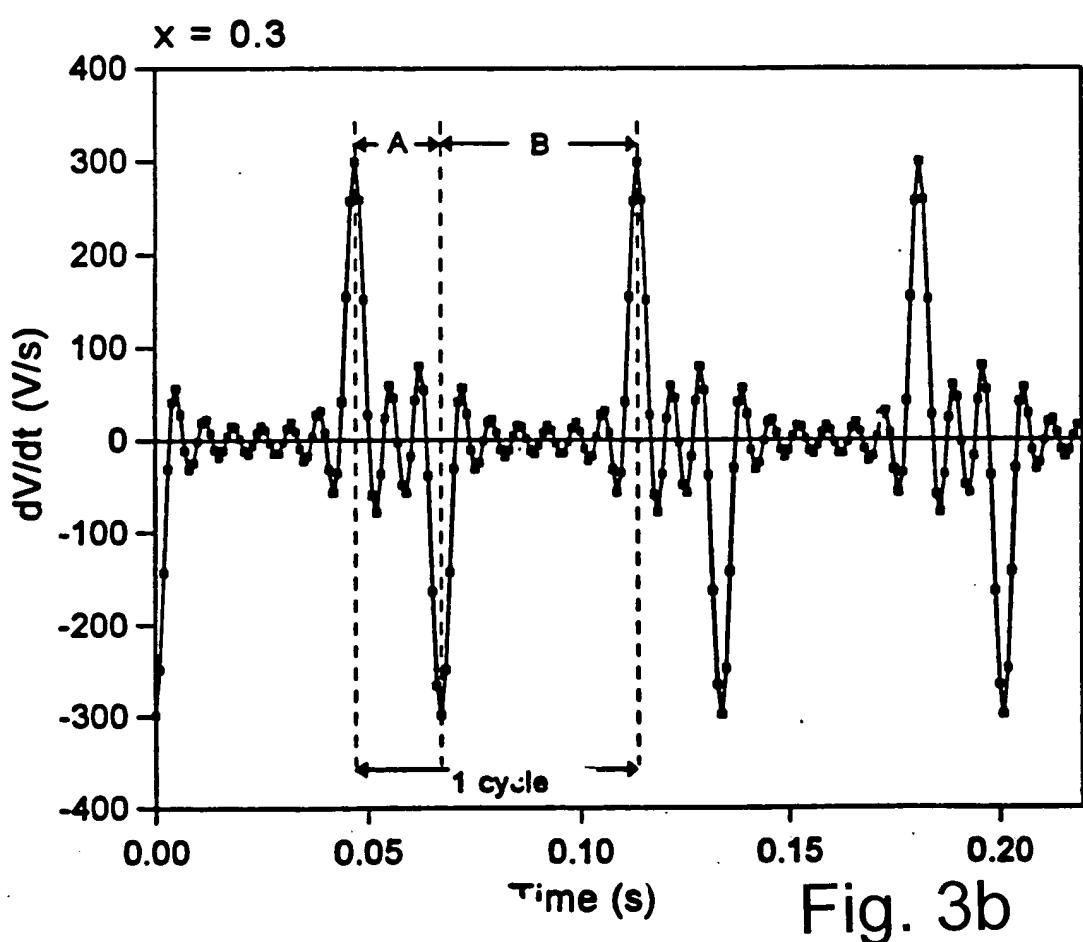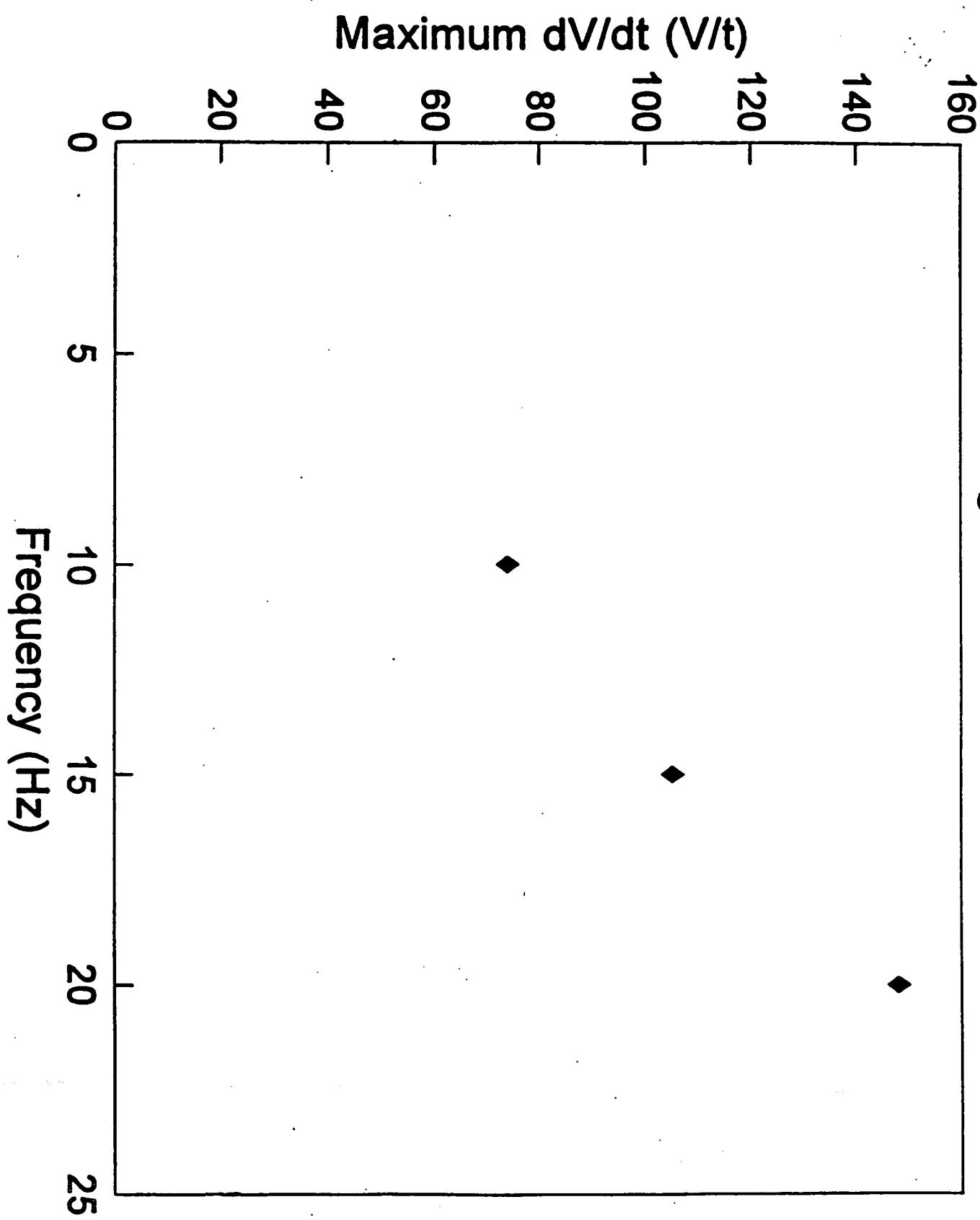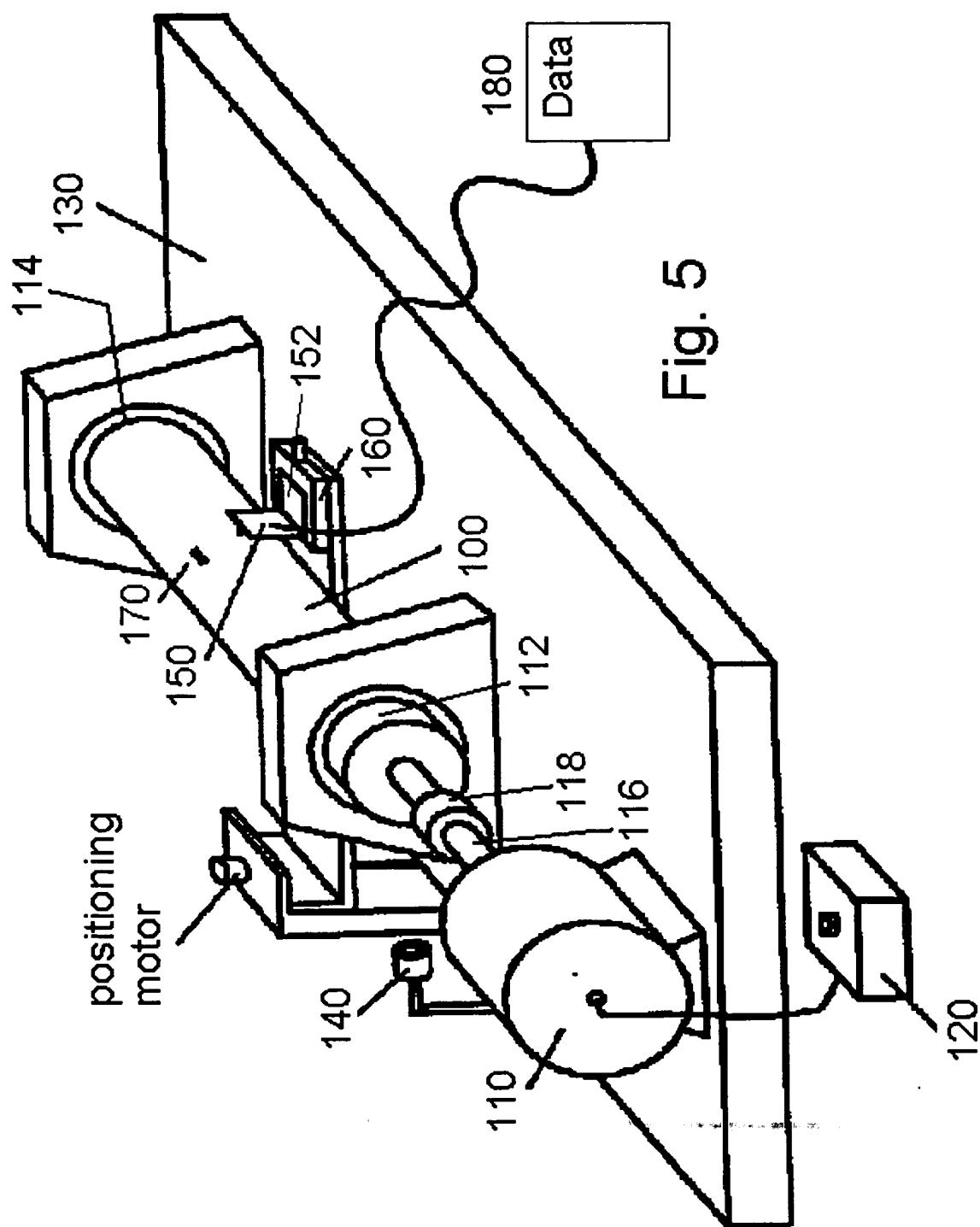
Fig. 5

Fig. 6
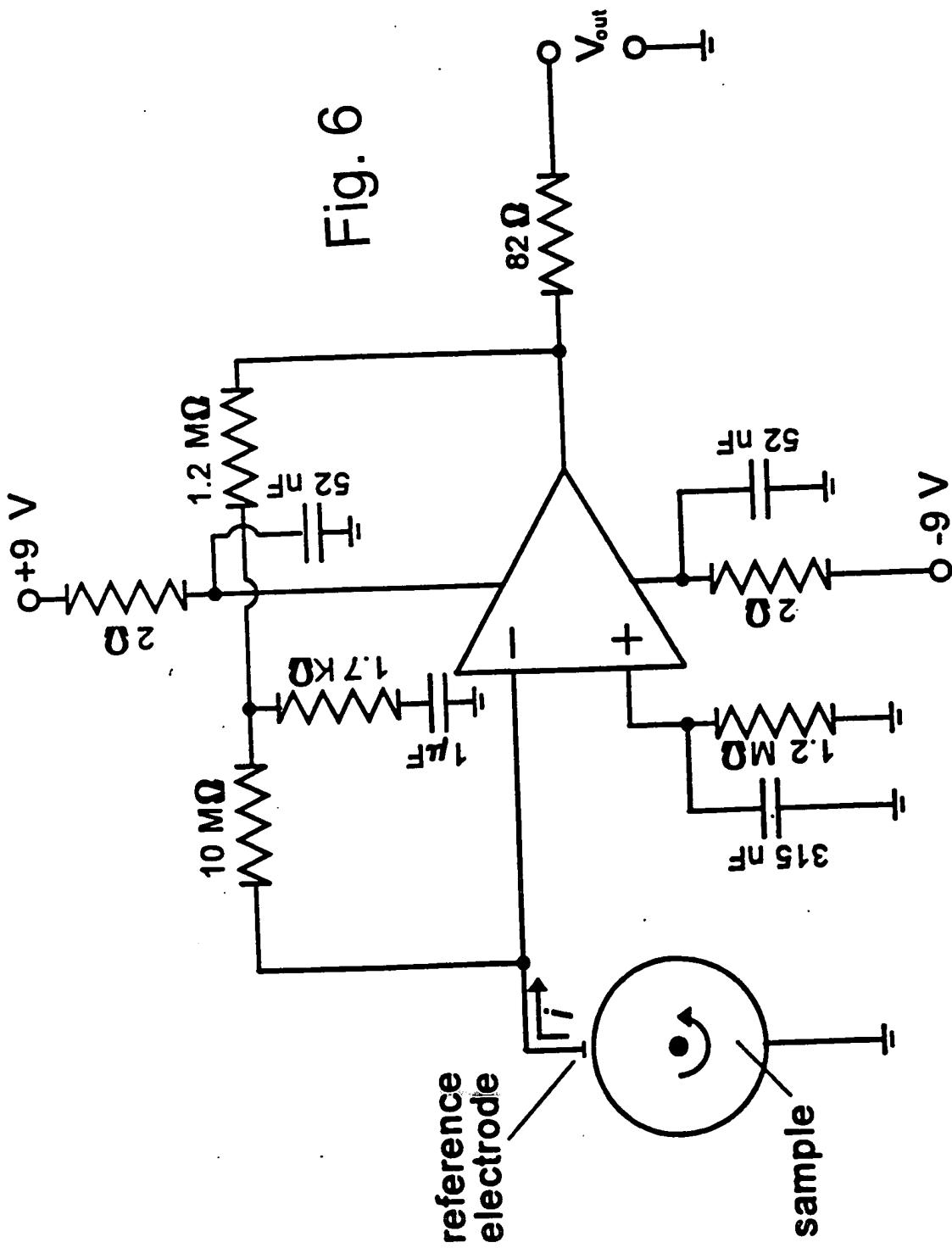
x = 0.013
f = 10 Hz, d = 0.1 mm
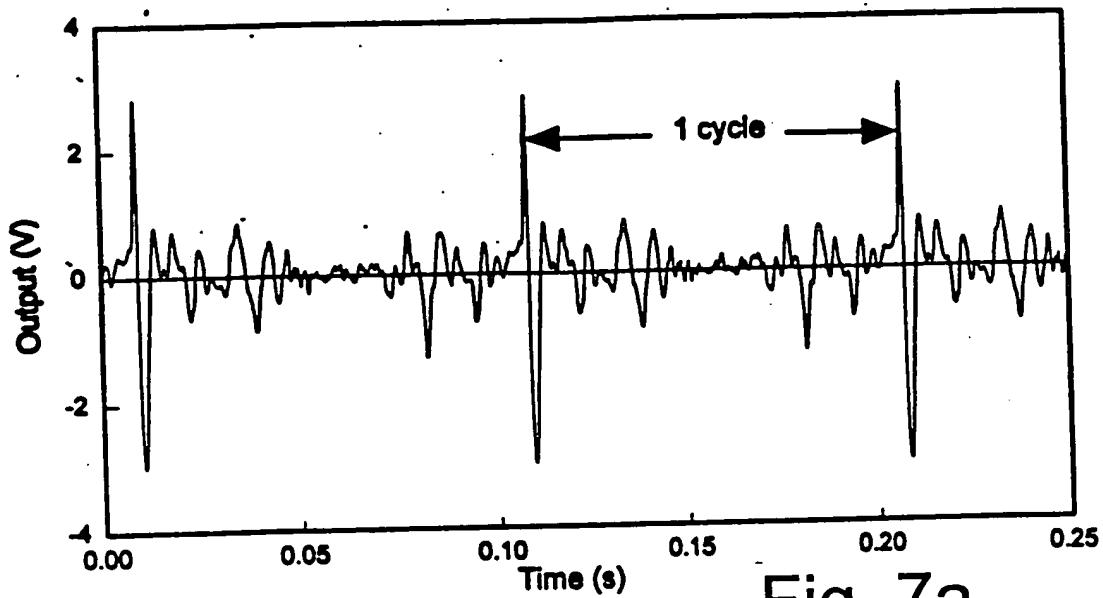
Fig. 7a

x = 0.3
f = 10 Hz, d = 0.1 mm

Fig. 7b

Fig. 9

Fig. 8